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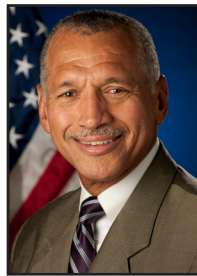
Feb. 11, 2010

NASA administrator holds update with employees to talk about NASA's future

By Sanda Martel

NASA Administrator Charles F. Bolden Jr. addressed the agency work force Feb. 3 about NASA's portion of the fiscal 2011 budget the president submitted to Congress. Speaking from NASA Headquarters in Washington and televised throughout the agency, Bolden also answered employees' questions.

"We got an additional \$6 billion-plus over the



Charles Bolden

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Marshall Director Lightfoot holds second meeting to update work force

By Sanda Martel

Marshall Space Flight Center Director Robert Lightfoot held an all hands meeting Feb. 3 – a follow-up to his Feb. 1 meeting – to discuss NASA's portion of the president's fiscal year 2011 budget submission to Congress.

"I wanted to share some additional information we have," Lightfoot said. "It's very little, but we have dug through some material and I'll show you what we have. There is more to come."

The Feb. 3 event at the Activities Building 4316 followed an update to employees by NASA Administrator Charles F. Bolden Jr. – held at NASA Headquarters in Washington and televised throughout the agency.

See Lightfoot on page 6

Endeavour docks with station; three spacewalks planned

By Sanda Martel

Space shuttle Endeavour docked to the International Space Station on Feb. 9 after a spectacular launch from NASA's Kennedy Space Center, Fla., Feb. 8 – the last scheduled night launch in the final year of shuttle operations.

Endeavour's STS-130 mission will include three spacewalks and delivery of the Tranquility node, the final major U.S. portion of the station. It will provide additional room for crew members and many of the space station's life support and environmental control systems.

Attached to Tranquility is a seven-window cupola which houses a robotic control station. The windows



Space shuttle Endeavour and International Space Station Expedition 22 crew members greet each other just after hatch opening on Feb. 10.

See Docking on page 4

Dr. Helen McConnaughey named anti-harassment coordinator for Marshall

By Megan Norris Davidson

Dr. Helen McConnaughey recently was named anti-harassment coordinator for the Marshall Space Flight Center.

McConnaughey, manager of the Propulsion Systems Engineering & Integration Office, part of Marshall's Shuttle Propulsion Office, will assist managers and supervisors in investigating and addressing allegations of harassment.

She was appointed to the position in January

by Marshall Center Director Robert Lightfoot, in accordance with NASA Procedural Requirement 3713.3. It establishes agency-wide procedural requirements under which NASA employees and contractors may report allegations of harassing conduct. It also sets forth manager and supervisor responsibilities to maintain a harassment-free work place and to take prompt and effective action when allegations of harassment arise.

Harassment is unwelcome or offensive conduct – sexual or nonsexual – based on an individual's race, color, gender, national origin, religion, age, disability, sexual orientation or status as a parent.

For more information on anti-harassment procedures, visit the Marshall Office of Diversity and Equal Opportunity Web site at <http://leo.msfc.nasa.gov/>.

Davidson, an AI Signal Research Inc. employee, supports the Office of Strategic Analysis & Communications.

Bolden

Continued from page 1

next five years – and that's not insignificant," Bolden said. "This is a show of confidence on the part of the president for NASA."

Addressing the cancellation of the Constellation Program, Bolden acknowledged the "incredible" work done over a period of time. "I appreciate the speed and accuracy of your work on Constellation," he said.

In a statement released Feb. 1, Bolden expressed his "deepest gratitude for the hard work and dedication that thousands of NASA and contractor workers have given to Constellation over the last few years. Their commitment has brought great value to the agency, and they will have a pivotal role to play in our future path. Many of the things we've learned will be critical as we move forward."

Bolden said he realizes the disappointment or anger some employees may have and that some may choose to leave the agency. He said it was his hope that most would choose to stay. "We need the expertise, loyalty and dedication you have shown while you have been here," Bolden said.

"I know you want details and what the new program will be, but we're not there yet. It will take us some time, but our new programs are going to be exciting and innovative. They will allow us to commit to long-term exploration."

Some highlights in the proposed budget include flying out the shuttle manifest; working with international partners

to extend and enhance the utilization of the International Space Station through 2020; three new robust exploration programs that include critical technology demonstrations, heavy-lift propulsion research and development and robotic precursor missions; science and climate investigation; and expansion of innovative relationships with the commercial sector.

**— Charles Bolden,
NASA administrator**

Bolden said some organizational changes are planned in the agency, including the additional new positions:

- Robert D. Braun has been appointed chief technologist in the new Office of Chief Technologist. He will serve as principal advisor and advocate on matters concerning agency-wide technology policy and programs.
- Dr. Woodrow Whitlow Jr. has been appointed associate administrator for Mission Support. He will continue to serve as the director of NASA's Glenn Research Center in Cleveland until a successor is named.
- Charles H. Scales, NASA's associate deputy administrator, will lead a new office that will implement organizational changes.

"I want to thank all of you for what you do," said Bolden, noting that NASA is an organization that can "make anything happen. Always have, always will."

Martel, an AI Signal Research Inc. employee, supports the Office of Strategic Analysis & Communications.

Marshall Small Business Office hosts two historic Mentor-Protégé signing agreements

By Rick Smith

The Small Business Office at the Marshall Space Flight Center recently oversaw two historic Mentor-Protégé Program signing agreements – one between a NASA prime contractor and a historically black university, and another between a NASA prime contractor and a disabled veteran-owned small business.

The NASA Mentor-Protégé Program, established in 2008 by NASA's Office of Small Business Programs, pairs large companies with eligible small businesses and institutions to establish long-term relationships, enhance technical capabilities and enable those small businesses to successfully compete for larger, more complex prime contract and subcontract awards.

On Feb. 3, Marshall hosted a three-year signing agreement between Jacobs Technology of Huntsville and Tuskegee University of Tuskegee, Ala. The agreement, conducted during national Black History Month, marks only the second such pact between a NASA prime contractor and a historically black college or university. The latter is defined as an American school established before 1964 to educate African-American students.

Since 1989, Jacobs has been the prime contractor on the Engineering, Science and Technical Services contract at the Marshall Center, providing engineering and technical support for a variety of programs and projects.

In late January, Marshall's Small Business Office also finalized the first-ever Mentor-Protégé agreement between a NASA prime contractor, ATK Space Systems of Magna, Utah, and a disabled veteran-owned small business, Lansmont Corp. of Monterey, Calif.

Among its services to NASA, ATK Space Systems provides the space

shuttle's reusable solid rocket motors and booster separation motors – part of the propulsion system that lifts the shuttle to orbit. ATK uses Lansmont vibration instrumentation and measurement technology to ensure the safe movement and monitoring of the solid rocket motors.

Dan Dumbacher, director of the Engineering Directorate at Marshall, praised the Mentor-Protégé Program and the value it brings to the organizations involved – and to NASA and the aerospace industry.

"This is the hallmark of collaboration: a mutually beneficial relationship that pays dividends

beyond the boundaries we often define for ourselves," he told participants at the Jacobs-Tuskegee signing event. "This is the beginning of an affiliation that will take [both parties] to new heights in business and education."

NASA's first Mentor-Protégé signing agreement between a prime contractor and a historically black college or university, in February 2009, was between Science Applications International Corp. and Oakwood University, both of Huntsville.

Smith, an AI Signal Research Inc. employee, supports the Office of Strategic Analysis & Communications.



Participating in the NASA Mentor-Protégé signing Feb. 3 between Jacobs Technology and Tuskegee University are, seated from left, Lizette Kummer, contracting officer in Marshall's Office of Procurement; Randy Lycans, general manager of the Jacobs Engineering, Science and Technical Services contract at Marshall; and Dr. Legand Burge, dean of Tuskegee's College of Engineering, Architecture and Physical Sciences. Standing, from left, are David Iosco, manager of the Engineering Support Office in Marshall's Office of Procurement; Ron Belz, small business liaison officer for the Jacobs-ESTS Group at Marshall; David Brock, small business specialist in Marshall's Small Business Office; Dan Dumbacher, director of Marshall's Engineering Directorate; Glenn Delgado, assistant administrator of the Office of Small Business Programs at NASA Headquarters; Pam Caruso, manager of Marshall's Engineering & Technical Management Office; and Audrey Robinson, manager of Marshall's Office of Diversity and Equal Opportunity.

Marshall mentors sought for 2010 summer interns

The Marshall Space Flight Center's Academic Affairs Office is seeking enthusiastic, supportive mentors to provide projects and directions for student interns at the center this summer.

Any civil service employee or Marshall contractor is eligible to serve as a mentor.

Program organizers expect more than 1,000 student applicants to vie for fewer than 200 available intern and co-op positions at Marshall this summer. Dr. Frank Six, university affairs

officer in the Academic Affairs Office, emphasized the vital contributions made by interns to a variety of Marshall projects and programs.

"It's our goal to pair our interns with Marshall professionals who will stimulate and challenge them, helping them envision future careers in science, engineering and technology development," Six added. "Summer internships grow more competitive every year. We want to deliver the best experience possible, and demonstrate

the rewards associated with long-term careers at NASA and our aerospace industry partners.

"We want as many members of the Marshall team to be part of that endeavor as possible," he said.

A mentor application form is available on Inside Marshall. The Academic Affairs Office will accept mentor applications through Feb. 22.

For more information, contact Tina Haymaker at 961-1362 or tina.c.haymaker@nasa.gov.

Docking *Continued from page 1*

will provide a panoramic view of Earth, celestial objects and visiting spacecraft. After the node and cupola are added, the orbiting laboratory will be approximately 90 percent complete.

Endeavour's first landing opportunity at Kennedy is Feb. 20, at 9:01 p.m. CST. The STS-130 mission is

Endeavour's 24th flight and the 32nd shuttle mission dedicated to station assembly and maintenance.

For more information about the mission, visit <http://www.nasa.gov/shuttle>.

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Classified Ads

To submit a classified ad to the Marshall Star, go to Inside Marshall, to "Employee Resources," and click on "Employee Ads — Submit Ad." Ads are limited to 15 words, including contact numbers. No sales pitches. Deadline for the next issue, Feb. 18, is 4:30 p.m. Thursday, Feb. 11.

Miscellaneous

Bose 201 speakers, need foam surrounds on cones, \$50; parachute cord, price based on quantity. 527-8116

Sony flat-screen 36-inch TV, model KV-36FS100, stand, \$190. 508-5503

Panasonic component stereo system, tuner, amp, CD, turntable, speakers, cabinet, \$250. 885-2448

Cipriani bowl chandelier, golden nickel, 6-plus-3 lights, 33"Wx 24.5"H, pic available, \$100. 777-1810

HDMI cable for TV, 6 feet long, GE brand, \$20. 895-9520

32-inch Panasonic tube TV, \$200; 26-inch Samsung tube TV, \$100. 684-2256

40-inch Toshiba 1080P LCD TV, \$475. 205-807-7841

NordicTrack Pro ski machine, oak frame, \$50. 679-1232

Bermuda hay square bales, \$3.75. 679-1064

Two-person mausoleum, Building A, Section A, Crypt 6E, Valhalla, \$5,000. 777-1560

AKC Weimaraner puppies, silver, 6 weeks old, males, \$350, females, \$400. 347-2097 or 287-2488

Four prom/evening gowns, sizes 0 to 2, \$95.00-\$250.00. 431-1556

32-inch RCA TV, \$275; 13-inch Sanyo TV, \$50. 975-9803 after 7 p.m.

Seagull S6 Original acoustic guitar, HS case, \$350. 550-0511

La-Z-Boy burgundy oversized recliner; extra-large stainless steel double bowl kitchen sink with gooseneck faucet. 461-4196

Collection of 68 space-related posters from NASA and contractors, 1984 to present, \$50 obo. 351-1754

Mission-style entertainment center, \$50; glass-front oak curio cabinet, \$100; two vintage arm chairs, \$20 each. 683-6983

Lily Flagg pool membership, \$500. 656-2951

Little Tykes kitchen and accessories, \$50. 464-3135

Lily Flagg pool membership, \$500. 651-2257

Hanging leaded Tiffany Light, \$80; antique platform rocker, \$150; <http://home.comcast.net/~savagmf/>. 883-7752

Hooker computer cabinet, solid cherry, three doors, three drawers, 5' high by 3 feet wide. 883-2237

Vehicles

2008 Nissan Altima 2.5S, 29k miles, \$16,000. 425-1914

2003 Chevy Cavalier, one owner, five-speed manual transmission, 30 MPG, 61k miles, \$3,995. 651-1911

1999 Pontiac Bonneville, 137k miles, \$1,500. 881-3379

1998 Stingray, RS180, Bowrider, new 140HP engine, trailer tires, prop, extras, fish/ski, \$9,500 firm. 640-6427

1992 GMC diesel pickup, white, 150k miles, \$3,500 or will trade for tractor. 379-4010

14-foot aluminum boat, 20 HP Mercury outboard, trailer, \$950 obo. 205-260-6703

Kolb Mark III Air Craft Frame less engine, licensed experimental, instruments, \$19,950. 776-4633

Wanted

Daybed with trundle or sleeper sofa. 325-4024

Motorcycles to repair, HD or metric, certified HD technician. 430-9667

Houses to clean or elderly to assist. 651-4723

12-volt battery pack, no. 8620, for Porter Cable cordless drill. 534-4968

Bed donation, one each, king, black, wrought iron; queen, reddish-brown, wooden; queen, wooden, futon. 631-8915

Free

Female mixed black Lab, 9 months old, spade, all shots up to date. 520-4839

Found

A blue bag with two books inside it was found in Building 4600 on Jan. 14. 544-4680

No hand-held communication device use while driving

By Amie Cotton

All Marshall Space Flight Center team members are reminded to adhere to driving rules and regulations regarding the use of hand-held communication devices while operating a motorized vehicle on Redstone Arsenal.

The arsenal policy states the U.S. Army garrison commander at Redstone will take appropriate action to restrict drivers from using any hand-held communication device or related equipment while operating a motorized vehicle on the arsenal.

An increasing number of motor vehicle accidents attributable to driver distractions, particularly those resulting from cell phone use, has prompted safety concerns nationwide. Vehicle drivers are strongly encouraged not to eat, drink, smoke, apply make-up, adjust radios, discipline children or engage in other distracting activities, which cause unsafe acts while the vehicle is in motion.

On all federal installations, cell phone use is prohibited in moving vehicles, unless used with a hands-free device. This policy also applies to all Redstone Arsenal government and contractor employees who operate government-owned or leased vehicles outside the confines of Redstone Arsenal installation property.

The wearing of any other portable headphones, earphones, or other listening devices while operating a vehicle is prohibited, except for hands-free cell phones. Vehicle operators should not use hand-held communications, navigation or electronic devices such as personal data assistants and global positioning systems while operating a motor vehicle. Use of those devices impairs driving and masks or prevents recognition of emergency signals, alarms, announcements, the approach of vehicles and human speech.

There are two exceptions to this prohibition:

- Emergency responders using cell phones and hand-held radios, including police, firefighters, emergency maintenance personnel and hazardous material handlers operating in immediate cleanup situations;
- Safety/emergency personnel using hand-held radios: Range safety personnel operating radios on active ranges, and Federal Communications Commission licensed amateur radio operators operating vehicle-mounted radios also are excepted from this prohibition.

When an armed forces traffic citation is issued, the offending driver's manager will be notified. Penalties include:

- Being counseled by his/her NASA manager or the Redstone garrison commander.
- Policy violators may be subject to suspension or revocation of installation driving privileges, as well as loss of privileges to operate any government-owned or leased vehicle while outside of Redstone property.
- A total of two points assessed to the offending driver's Redstone driving record for the initial and each subsequent violation.
- Driving privileges will be revoked or suspended if various violations total an accumulation of 12 points within 12 consecutive months or 18 points within 24 consecutive months. Suspensions based on

traffic points will not exceed six months. Revocations based on traffic points will be for a period of six to 12 months. A longer period of revocation may be imposed on the basis of a driver's overall driving record and considering the frequency, flagrancy, severity of moving violations, and the response to previous driver improvement measures.

Points assessed against a driver will remain in effect for point accumulation purposes for 24 consecutive months.

- NASA civil service and contractor employees will be encouraged to successfully complete a prescribed remedial driver's course as a positive factor in being considered for reinstatement of arsenal driving privileges.
- Offenders subject to suspension or revocation of arsenal driving privileges will be notified by the garrison commander or designee and provided administrative due process in accordance with arsenal policy.

In a recent incident, a NASA employee received a traffic citation and the director of his organization accompanied the offending driver to meet with the Redstone Arsenal garrison commander to emphasize the importance of adhering to Redstone's driving policies.

Please note there are significant consequences to using hand-held communications devices while driving. It can risk your life and the lives of others. Please drive safely.

Cotton, an AI Signal Research Inc. employee, supports the Office of Strategic Analysis & Communications.



Marshall Space Flight Center launches 'Blog4Safety'

By Amie Cotton

The Marshall Space Flight Center has launched a new internal blog, "Blog4Safety," to create conversations around the Marshall safety culture.

"The goal is to provide a forum to discuss and collaborate with other center employees on Center Director Robert Lightfoot's efforts to transform our safety culture," said Roy Malone, director of Marshall's Safety & Mission Assurance Directorate. "We encourage

employees to talk about their efforts to change the culture, discuss changes we need to make and share what's working really well. Our vision is to transform our safety culture from one that's not only process based, but also driven by employee accountability and genuine care for other people."

The new blog is available on Inside Marshall and at <https://safety-blog.msfc.nasa.gov>. Malone encourages employees to visit the new blog and share

experiences and suggestions to improve safety at Marshall.

If employees have a safety topic or story for a blog post, e-mail msfc-blog4safety@mail.nasa.gov or contact Linda Dinges, Blog4Safety coordinator and program analysis officer in the Safety, Quality & Management Systems Department, at 544-6647.

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Lightfoot *Continued from page 1*

"As we get more guidance, we'll be able to determine where the dollars are in the areas where we will be assigned work," said Lightfoot.

He presented charts showing those areas where Marshall likely will be assigned work, including exploration technology demonstrations; heavy-lift propulsion research and development; and space technology.

Lightfoot said he expects to receive clarification in coming weeks on the details in each of these areas. "Marshall also is looking at some work in the area of utilization of the International Space Station," he added, noting that more than 75 center proposals have been collected to date outlining what Marshall could do in that category. The proposed budget includes extending

the space station until 2020.

"It will be another month before we see numbers [dollars assigned to projects]," said Lightfoot.

"I commit to you that we're going to be open throughout this process," Lightfoot added.

At the all hands, he recognized those in the audience working on the Constellation Program and thanked them for their hard work over the last five years. "I know it's an emotional subject now. We felt the same way with the announcement of the space shuttle's retirement. I just ask you to be professional and respectful dealing with each other."



Marshall Center Director Robert Lightfoot speaks to the work force Feb. 3 about NASA's proposed fiscal 2011 budget and the areas that Marshall likely will be assigned work.

Lightfoot invited employees to send their questions to his blog, at <https://conversation.msfc.nasa.gov/currentcomments?page=1>.

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